

L3 ANSWER 336 OF 379 CA COPYRIGHT 2004 ACS on STN  
AN 74:57011 CA  
ED Entered STN: 12 May 1984  
TI Raw-material mixture for the production of portland **cement**  
clinker  
IN Royak, S. M.; Kitsis, S. B.; Zhovtaya, V. N.  
PA All-Union Scientific-Research Institute of Cement Industry  
SO U.S.S.R.  
From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1970, 47(25),  
202-3.

CODEN: URXXAF

DT Patent

LA Russian

IC C04B

CC 58 (Cement and Concrete Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 278511		19700805	SU	19690314

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
SU 278511	IC	C04B

AB To intensify the clinkering process, to improve the structure of portland **cement**, and to increase the activity of the clinker, the raw material mixt. for portland **cement** production contained: nepheline slime 50-5, limestone 40-5, and granulated Cu slag 3-5 wt. %. The latter was used as an activating additive.

ST raw materials portland **cement** clinker; portland **cement** clinker raw materials; clinker portland **cement** raw materials

IT Limestone, uses and miscellaneous

RL: USES (Uses)  
(**cement** clinkers, contg. nepheline and copper  
slag activators)

IT **Cement**  
(clinker, from limestone-nepheline mixts. with copper  
slag activators)